

FIG 1

BEST AVAILABLE COPY

[illegible]

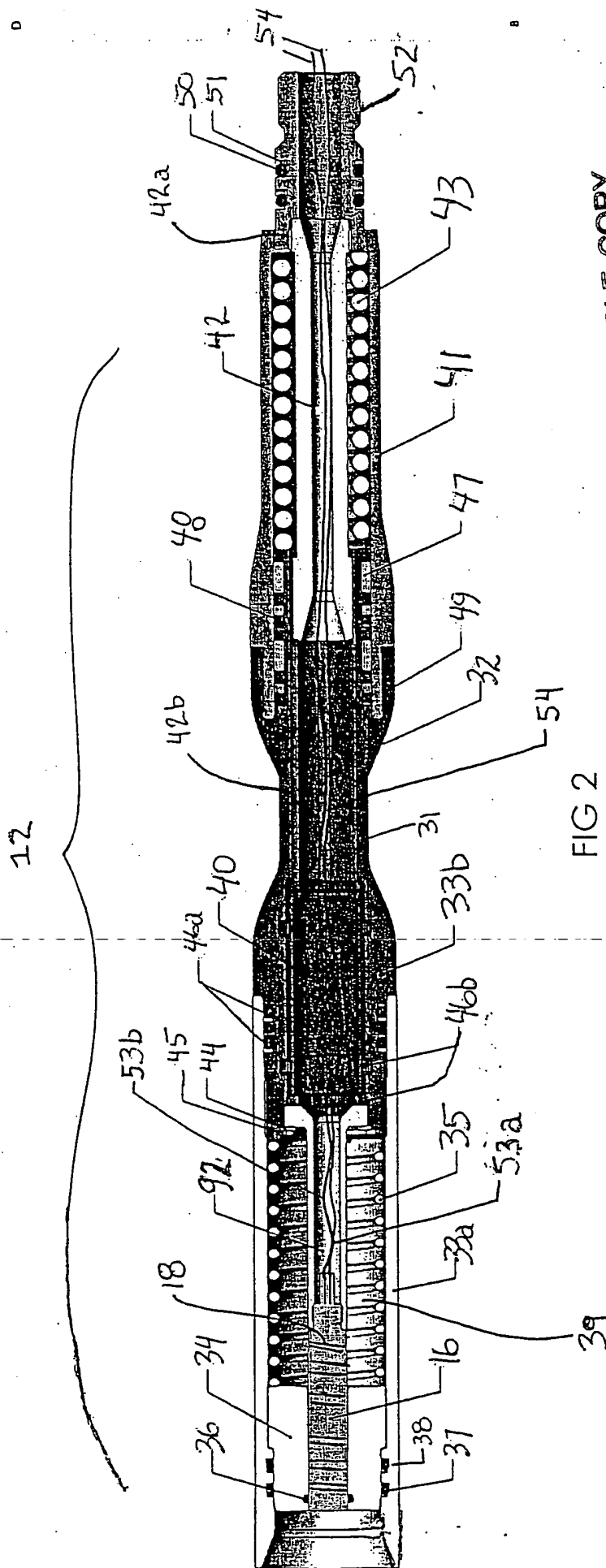
EXTRAVUE
ENGINEERING

SIZE : DWG. NO.

02-HERC-0001-01A1 HERC Assembly for Patent

SCALE: 1:2.2' WEIGHT:

1 JO 1 LEAMS



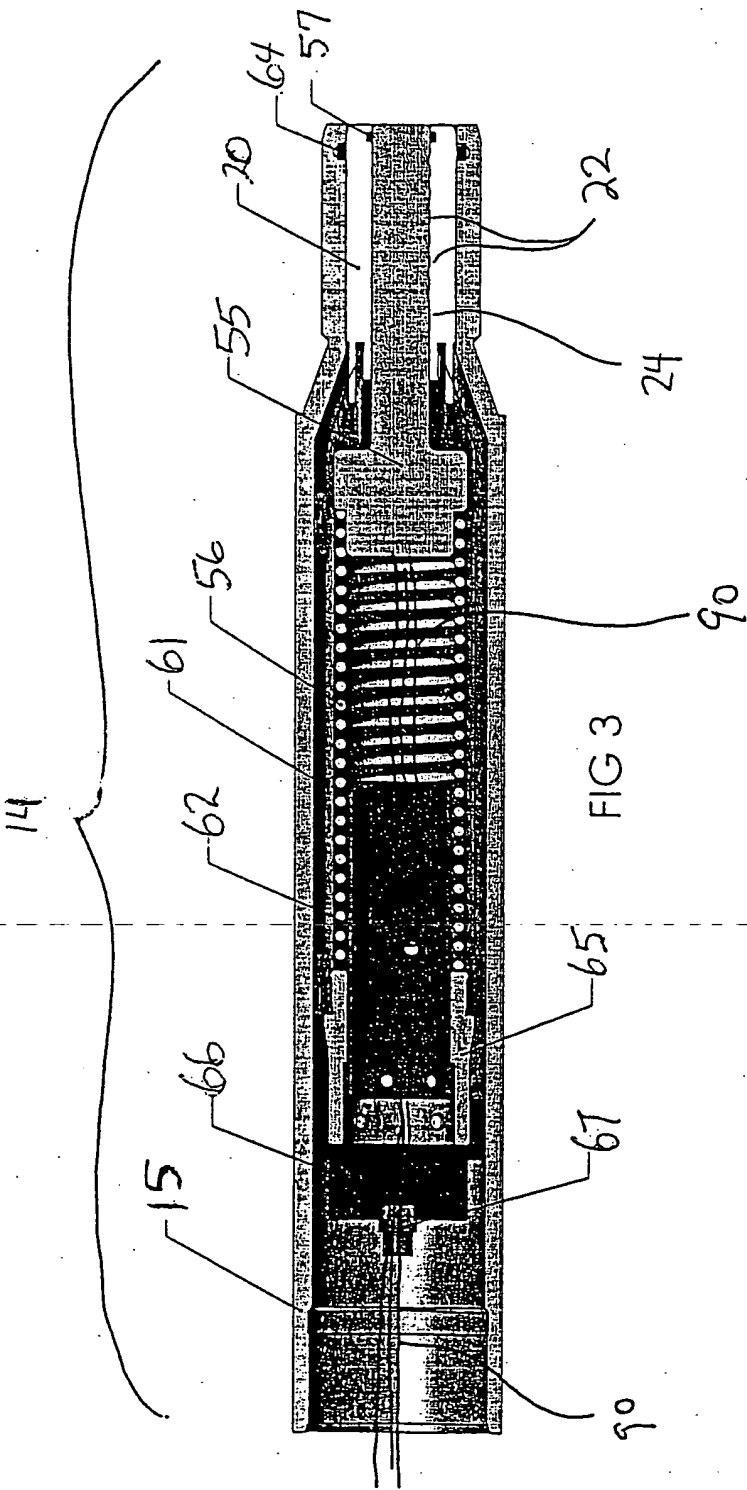
BEST AVAILABLE COPY

HERC
DOWNHOLE FACING HERC, FOR PATENT

EXTREME
ENGINEERING

SIZE : DWG. NO. **B**
© 2014 HERC 0000-0741 Downhole Facing HERC, for Patent

SCALE: 1:1.2/WEIGHT: SHEET 1 OF 1



BEST AVAILABLE COPY

UNLESS OTHERWISE SPECIFIED:	DATE	NAME	HERC
DIMENSIONS ARE IN INCHES	MAR. 11 / 03	DS	UPHOLE FACING HERC
FRACTIONALS 1/32"			
ANGULARS DEC.			
THREE PLACE DECIMAL 0.000"			
THREE PLACE DECIMAL 0.000"			
INTERPRETED CLOUTIER			
TOLERANCING PER			
MATERIAL			
FINISH			

EXTREME
ENGINEERING

SIZE DWG. NO.
B 02-HERC-0003-00A1 Uphole facing HERC. for patent

SCALE: 1:1 WEIGHT: 2 SHEET 1 OF 1

REV.	DATE	DESCRIPTION	APPROVED
1	MAR. 13/03	INITIAL RELEASE	10

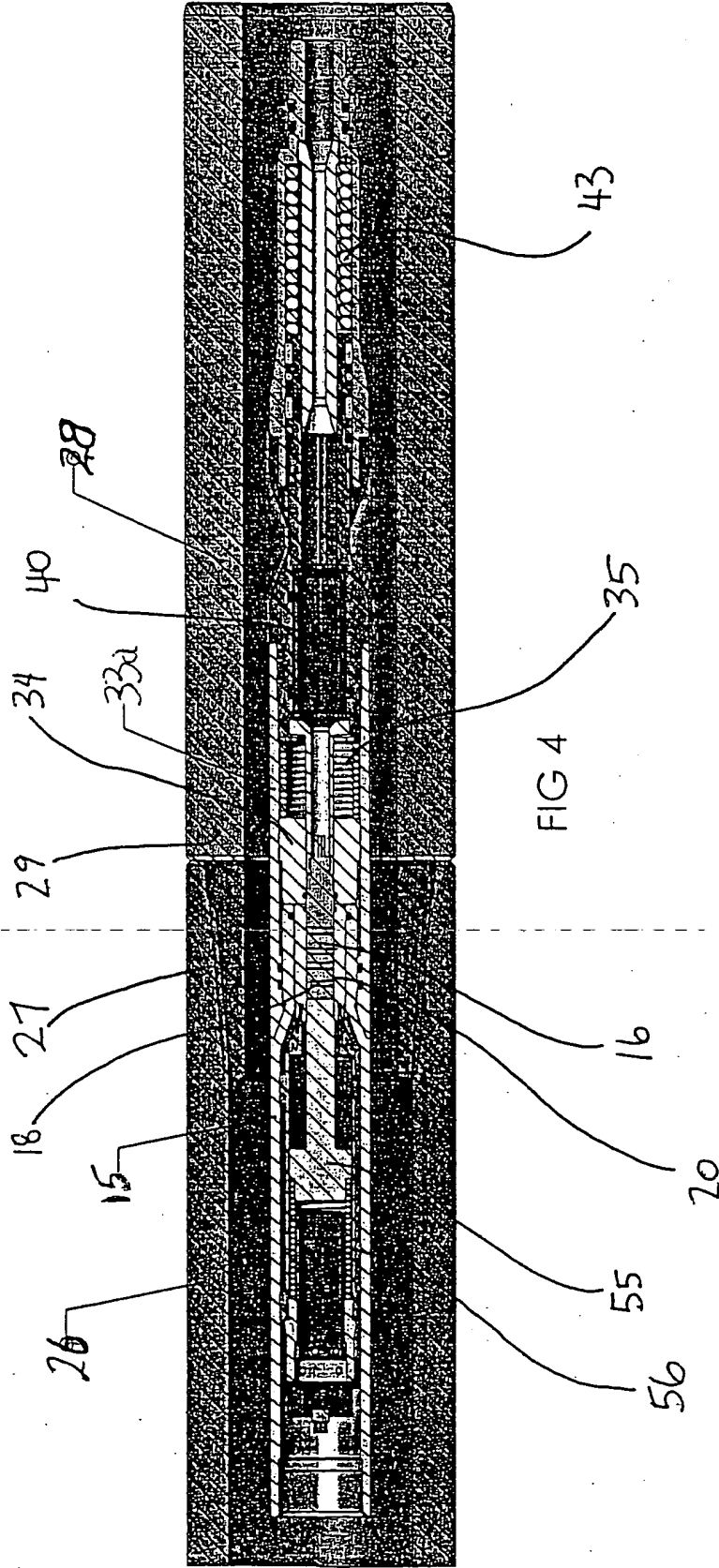


FIG 4

BEST AVAILABLE CUT

HERC
ASSEMBLY FOR PATENT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
FRACTIONS 1/32
ANGULAR 1 DEG.
SURFACE DECIMAL
HOLE TOLERANCE DECIMAL
WHEELER GEOMETRIC
TOLERANCING PER
MATERIAL
FINISH

DRAWN
CHECKED
ENG APPR.
MFG APPR.
Q.A.
COMMENTS

DATE
MAR. 13/03
MAR. 13/03

NAME
DS
ID

EXTREME
ENGINEERING

SIZE DWG. NO.

B 02-HERC-001-01A1 HERC Assembly for Patent (Initial)

SCALE: 1:2 WEIGHT: SHEET 1 OF 1

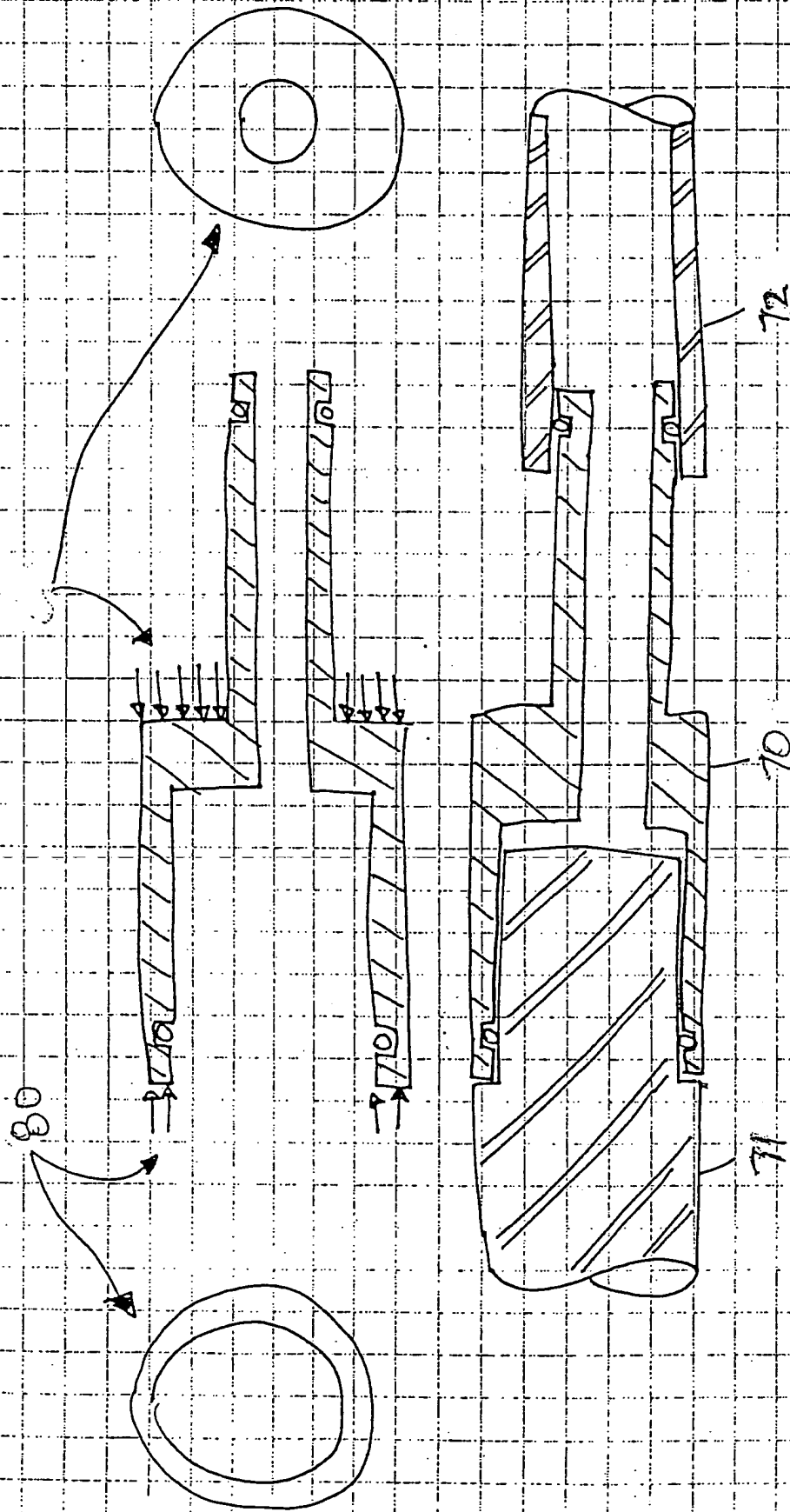


FIG 5

BEST AVAILABLE COPY

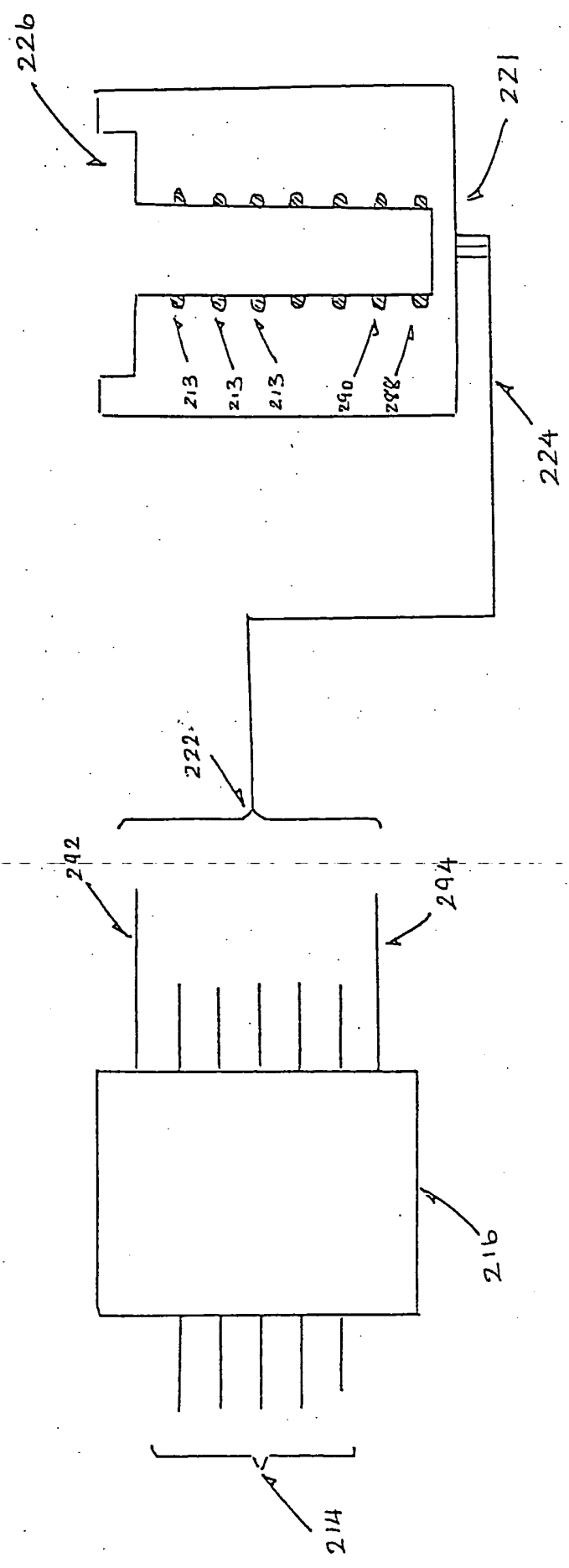
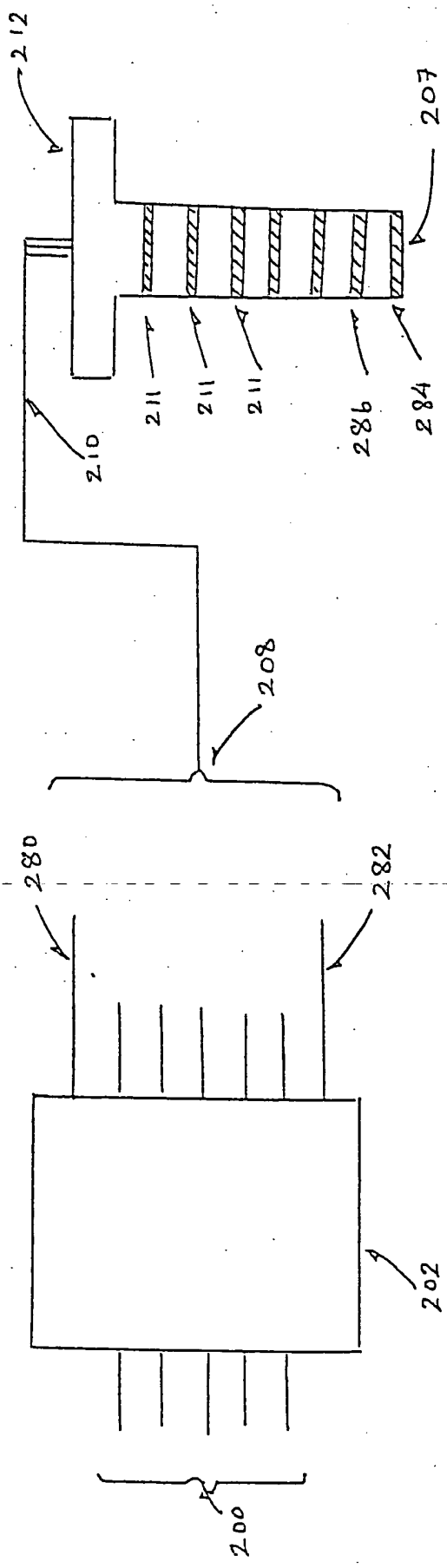


Figure 6

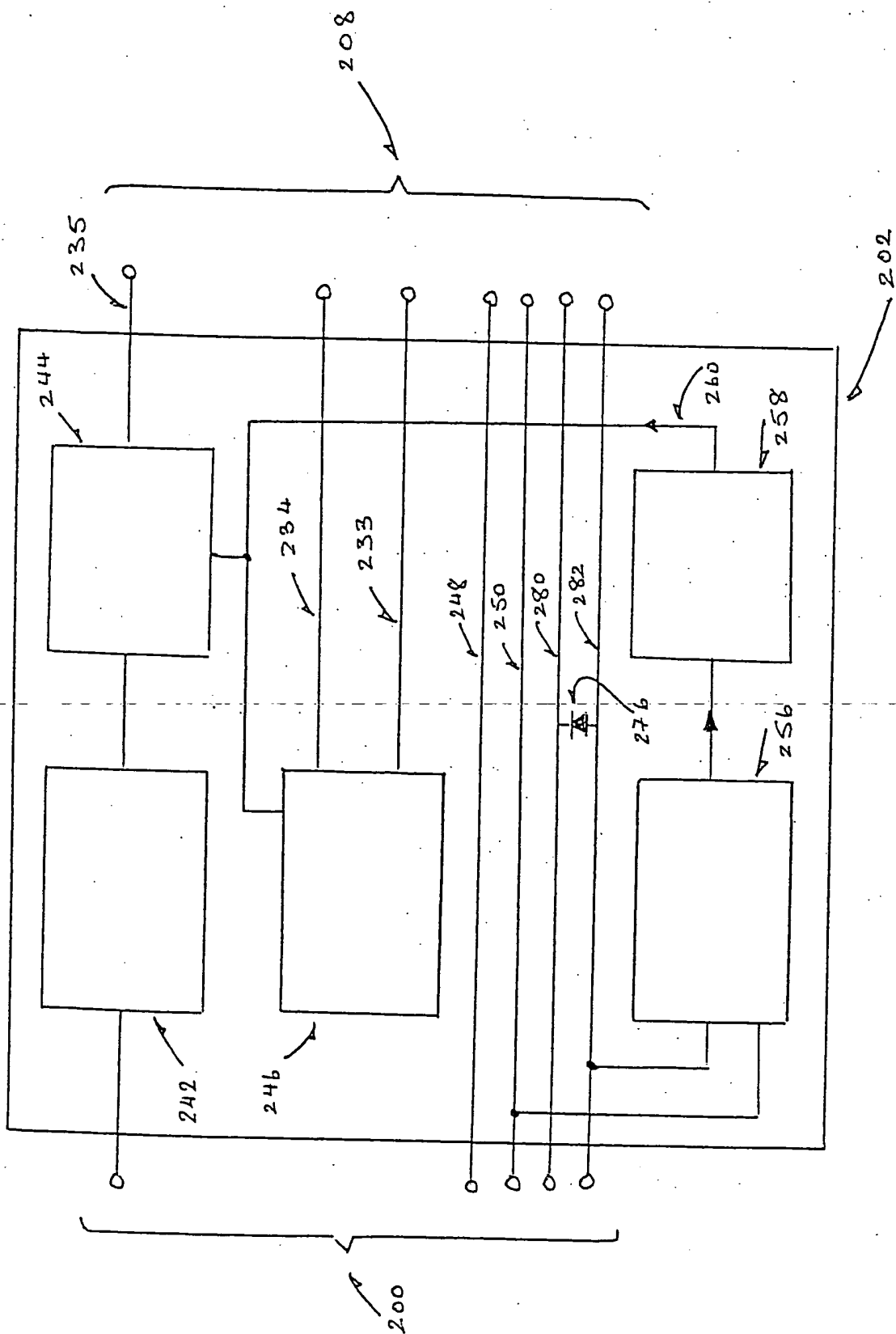


Figure 7

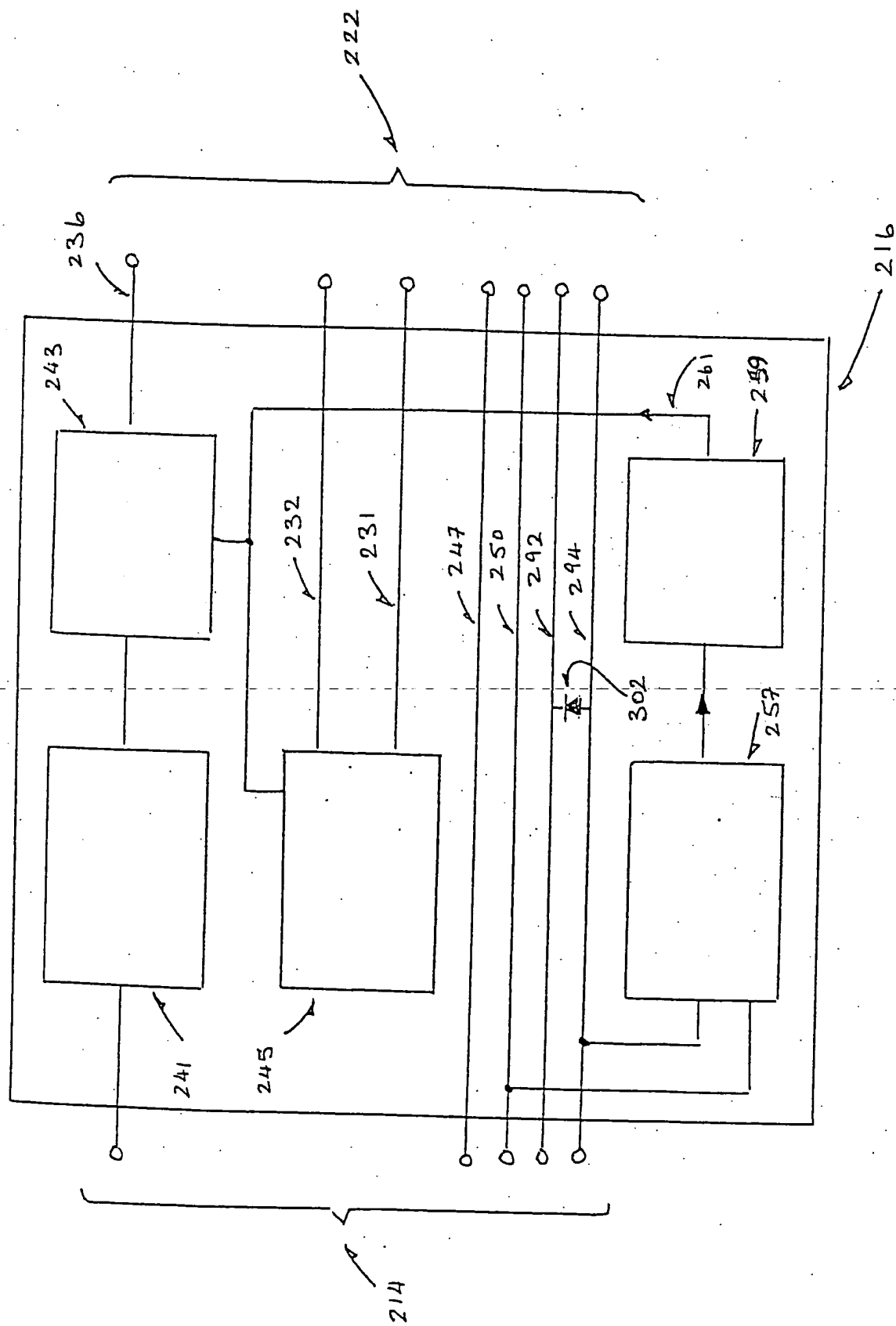


Figure 8

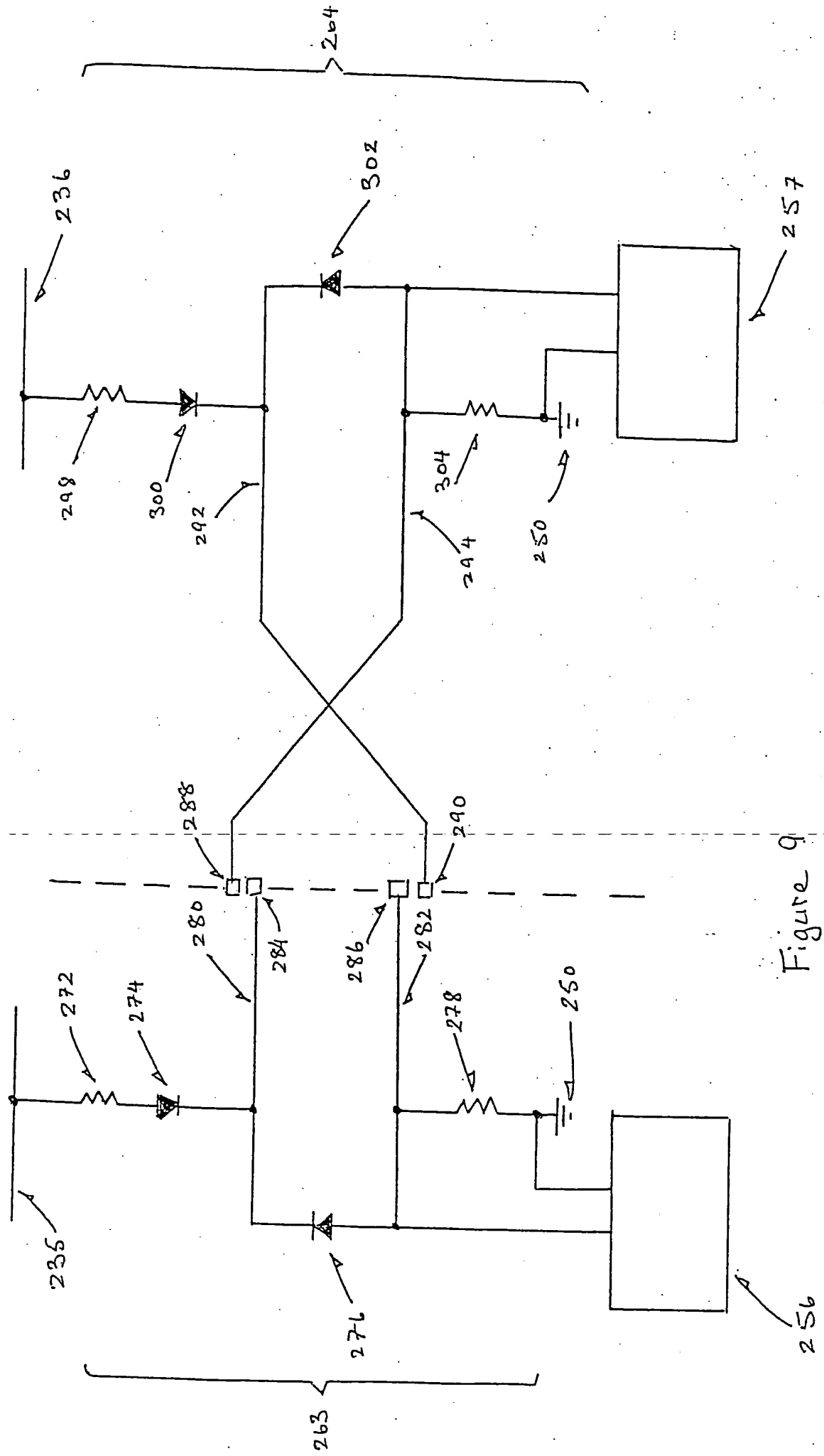


Figure 9

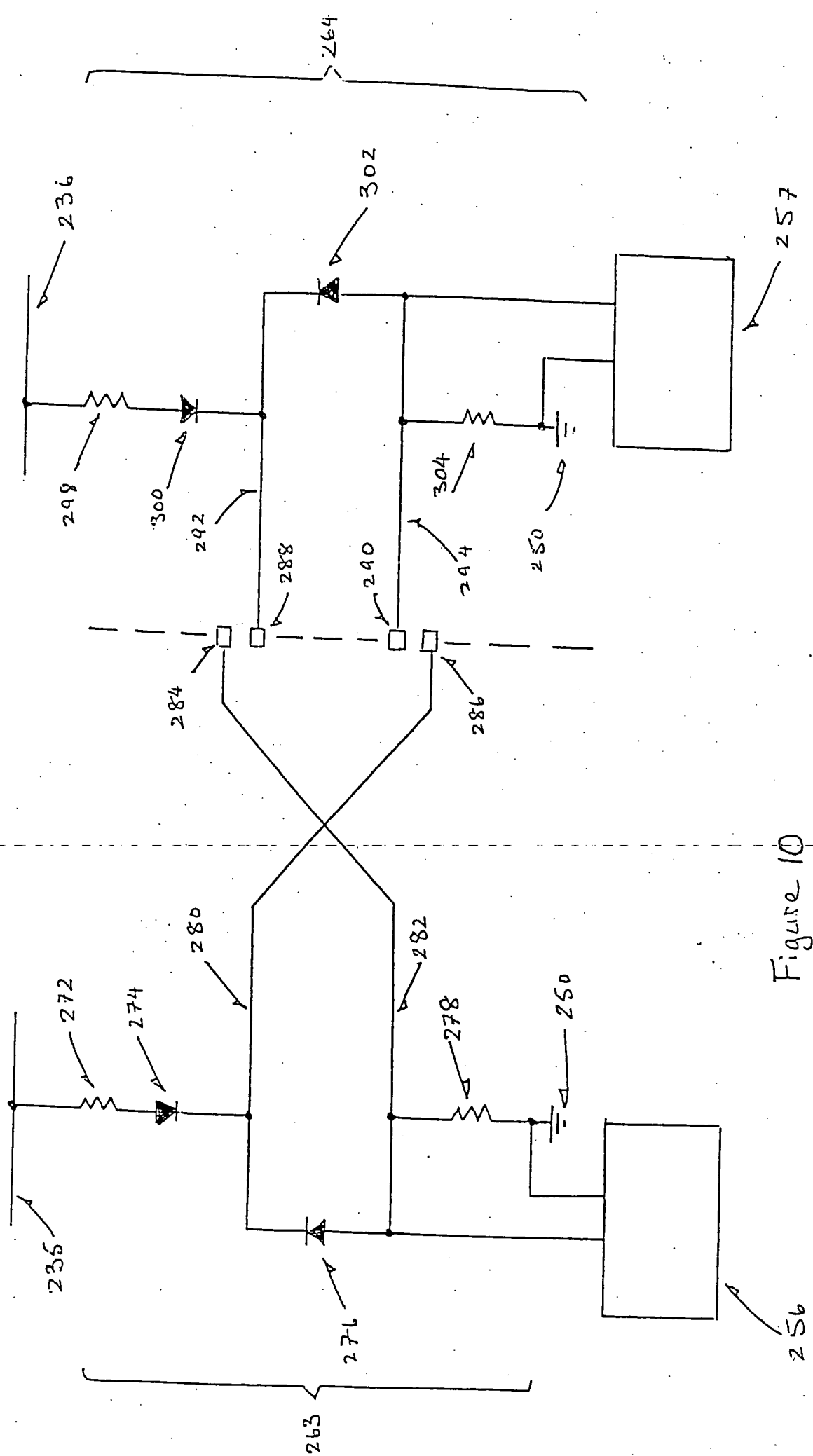


Figure 10

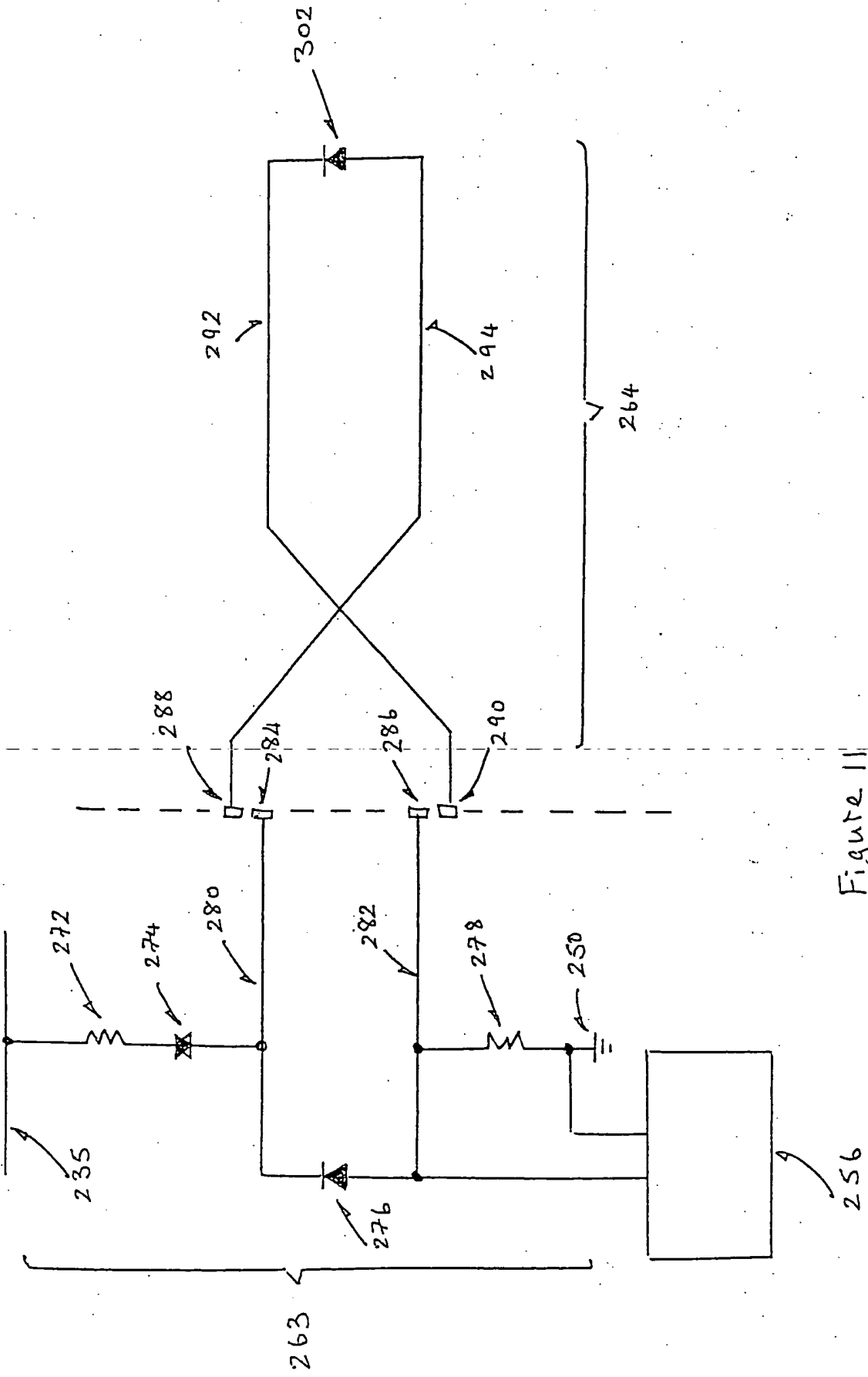


Figure 11

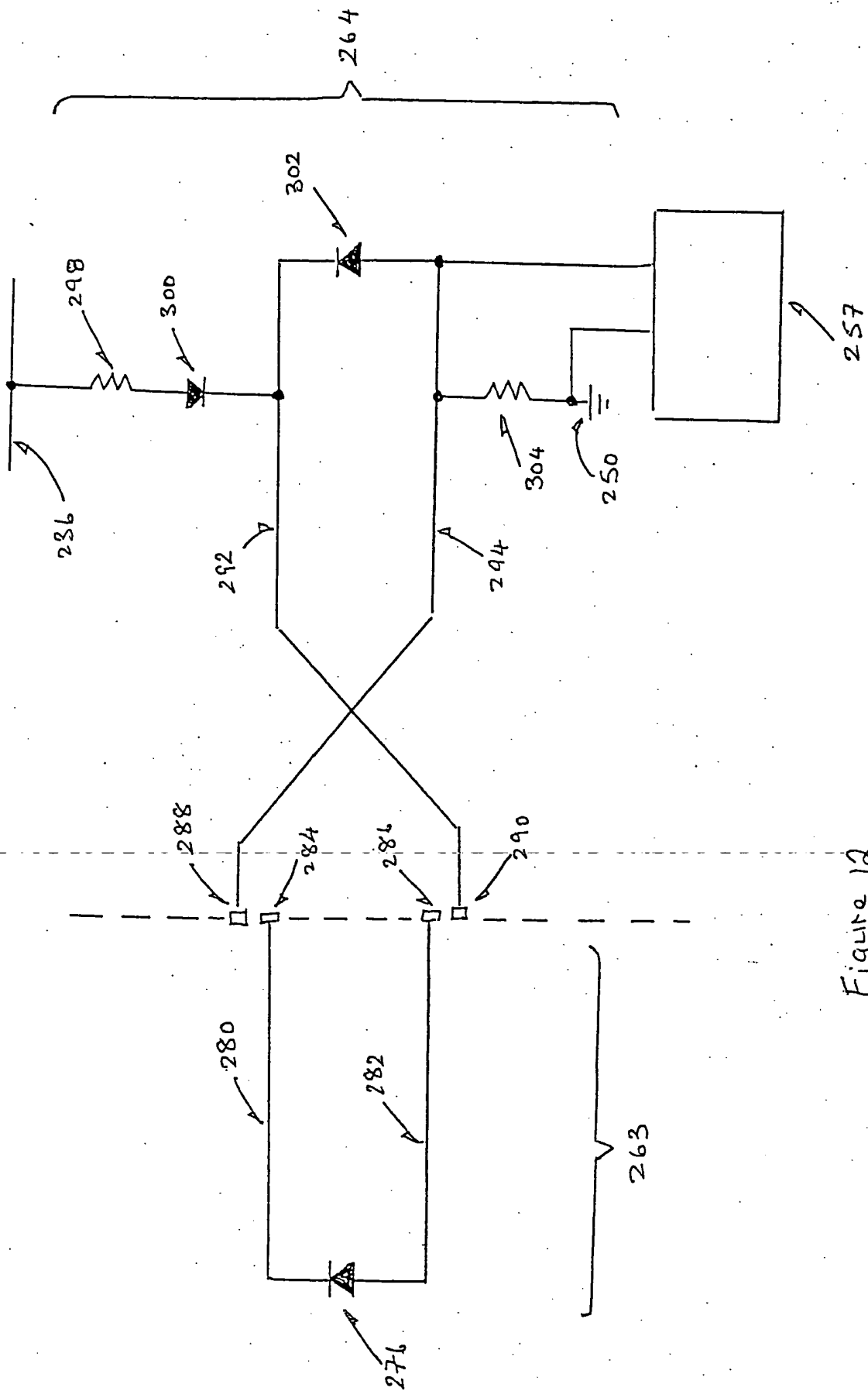


Figure 12

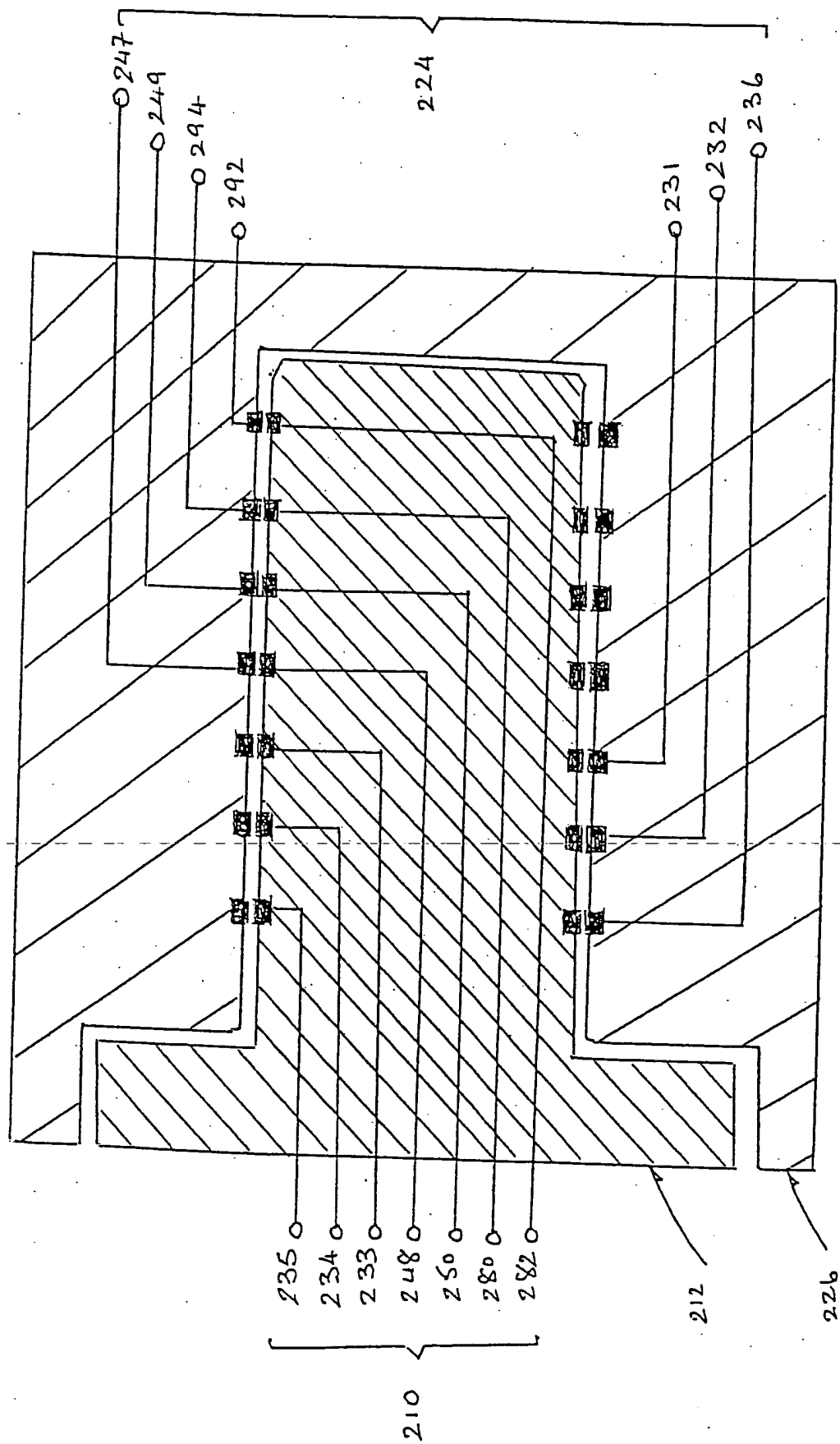


Figure 13